

FLUID SUBSTANCE DISCHARGING APPARATUS

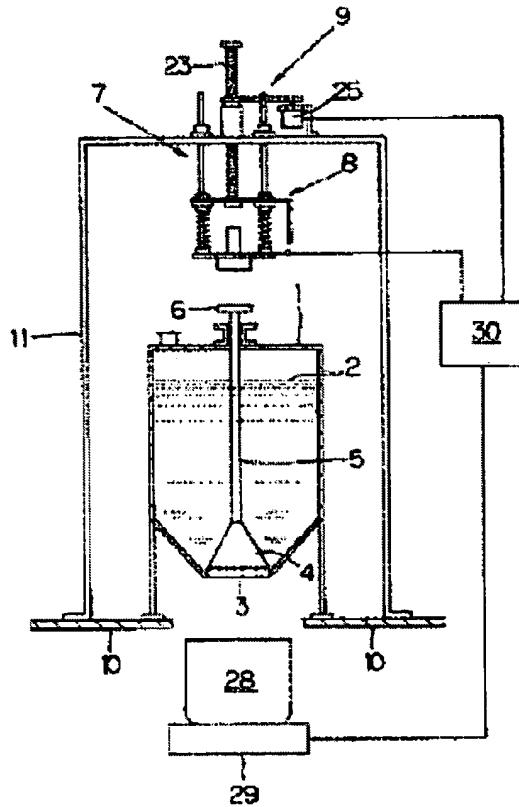
9

Patent number: JP11100091
Publication date: 1999-04-13
Inventor: TAKIZAWA KENJI
Applicant: TSUKISHIMA KIKAI CO
Classification:
- international: B65D88/28; B65D90/62; B65D88/00; B65D90/00;
(IPC1-7): B65D88/28; B65D90/62
- european:
Application number: JP19970279332 19970929
Priority number(s): JP19970279332 19970929

[Report a data error here](#)

Abstract of JP11100091

PROBLEM TO BE SOLVED: To provide a fluid substance discharging apparatus capable of being enhanced in the discharged capacity of a fluid substance such as a powdery or particulate material and the accuracy of the discharge quantity thereof. SOLUTION: In an apparatus wherein the discharge port provided to the lower part of a hopper housing a fluid substance such as a powder or particulate material is made openable and closable by the up and down movement of the valve provided in the hopper and the fluid substance is discharged from the discharge port by valve operation, a rod 5 is vertically connected to the valve 4 hermetically closing the discharge port 3 of the hopper 1 upwardly in a normal state and the leading end part of the rod 5 is upwardly protruded from the hopper 1 and the rod 5 is moved up and down by the lift device 7 arranged above the hopper 1 outside the hopper 1 and the discharge port 3 is made openable and closable by the valve 4.



Data supplied from the esp@cenet database - Worldwide